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A. [NL/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(74) Agent: DEGUELLE, Wilhelmus, H., G.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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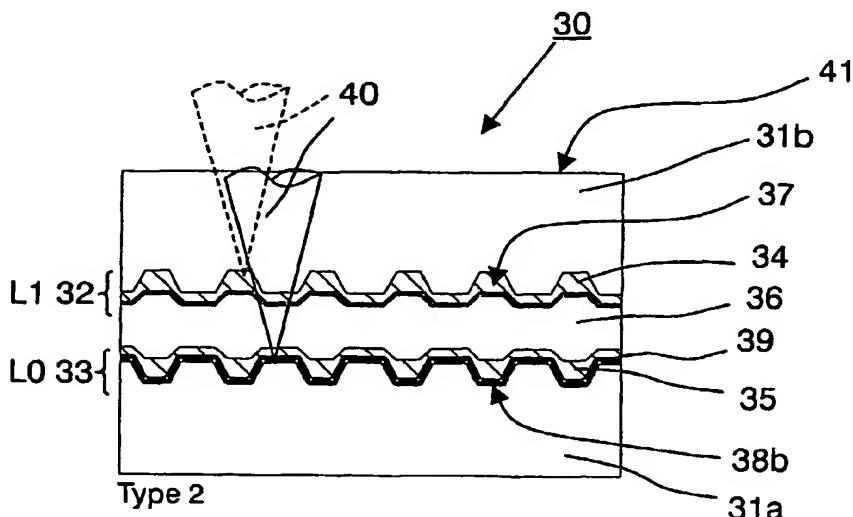
(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(52) Inventors; and

(75) Inventors/Applicants (for US only): MARTENS, Hubert, C., F. [NL/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN OETELAAR, Ronald, J.,

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(57) Abstract: A multi-stack optical data storage medium (30) for recording and reading using a focused radiation beam (40) entering through an entranceface (41) of the medium (30) is described. It has a first substrate (31a) with present on a side thereof a first recording stack (33) named L₀, comprising a recordable type L₀ recording layer (35), formed in a first L₀ guide groove (38a, 38b). A first reflective layer (39) is present between the first L₀ recording layer (35) and the first substrate (31a). A second substrate (31b) with present on a side thereof a second recording stack (32) named L₁ is present at a position closer to the entrance face (41) than the L₀ recording stack (33) and formed in a second L₁ guide groove (37). A transparent spacer layer (36) is sandwiched between the recording stacks (32, 33). The first L₀ guide groove (38a, 38b) has a depth G_{L0} < 100 nm. In this way a relatively high reflection value of the L₀ stack is achieved at a radiation beam wavelength of approximately 655 nm.

**Declaration under Rule 4.17:**

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